Amendments to the Specification:

Please amend the paragraph beginning at page 11, line 1 of the specification as follows:

As shown in FIG. 2, apparatus **10** comprises an electrically grounded vacuum chamber **2** equipped with an opening **3** adapted for connection to a pumping means for evacuating the interior of the chamber; at least one, preferably a pair of facing sputtering cathode/target assemblies or sources **4**, **4'** of conventional type, e.g., a pair of magnetron sputtering guns each electrically connected via respective lines **11**, **11'** to respective electrically grounded power sources **12**, **12'** for electrical energization; a mounting means (not shown in the figure for illustrative simplicity) for mounting and positioning a substrate/workpiece **5** in the space between the pair of facing sputtering sources **4**, **4'**, illustratively a disk-shaped substrate for a magnetic recording medium, for receipt of sputtered particle flux on both substrate surfaces; and a gas injector **6** fabricated of an electrically conductive material, e.g., a metal, having a gas inlet portion **7** extending outside the chamber **2** and adapted for connection to a source of gas(es), and a gas outlet portion **8** within the chamber and formed with a plurality of spaced apart gas outlet orifices or nozzles **9** for injecting gas(es), e.g., inert and/or reactive gas(es), into the space between the pair of facing sputtering sources. Gas injector **6** is electrically isolated from the chamber **2** and sputtering sources **4**, **4'** by means of an electrically insulating sleeve **13** at the opening in the wall of chamber **2** through which the gas inlet portion **6** extends, and is electrically connected, via line [[**11**]] **14**, to electrically grounded bias power source or supply **15**. Illustratively, the gas injector **6** is "wishbone"-shaped, and comprises a pair of arcuately-shaped, tubular gas outlet portions **8**. However, the principles of the invention are equally applicable to all manner of gas injectors having different physical configurations and arrangements of outlet orifices and/or nozzles, e.g., linear tube-like and manifold-type arrangements.